

APPLICATION TO THE DIVISION OF STATE LANDS
FOR APPROVAL OF PROPOSED MINING ACTIVITY
ON STATE MINERAL LEASE NO. ML-33315

MAR 2 1981

by

DIVISION OF
OIL, GAS & MINING

SUM COMPANY, INC.
A SUB-LESSEE OF PLATEAU RESOURCES

Pursuant to the Mining Memorandum of the
Division of State Lands dated January 20, 1978, the fol-
lowing information is submitted:

A. Description of the proposed mining activity to include
the following:

Item 1. A USGS topographic map (a copy will do) mark-
ing the location of proposed mines as well as
existing and proposed access roads and utility
lines.

Exhibit A submitted herewith is a surveyor's plat
of the area affected and to be affected by the
proposed mining operations, showing topographic
features as well. Exhibit B, a USGS topographic
map, is also enclosed.

Item 2. An estimate of the number of surface acres to
be disturbed and the volume of material to be re-
moved each year.

Under this application, less than one and one-half
(1-1/2) acres are estimated to be disturbed. The
estimated tonnage to be removed this year is 8,000
tons.

Item 3. A diagram of surface development to occur in-
cluding the location and size of buildings, loaders,
crushers, ponds, and etc.

Exhibit A attached hereto shows the location of
the structures on the disturbed area.

Item 4. A diagram of subsurface development to occur
including the location and size of shafts, tunnels,
and etc.

Exhibit A shows the location and approximate size
of the entrance drift and excavated roadway into
the portal.

Item 5. The mining methods to be used including the handling of waste and overburden.

The basic mining method will be the room and pillar method. Pneumatic jackleg drills will be used for preparation for blasting with ammonium nitrate and dynamite used for blasting. Both waste and ore will be mucked and transported from the mine on rubber-tired, diesel-powered equipment. Ventillation is provided through a ventilation hole already drilled, utilizing a diesel-powered air compressor; underground approved, flexible, fabric vent tubing will be used to conduct ventillation to working areas. Water will be drained into sumps and pumped from the mine to approved discharge points. Waste and overburden will be stored on the premises during operations. Operations are expected to involve a single eight-hour shift, five days per week. A list of the probable equipment to be used in the mining operation is set forth on Exhibit C. *

Item 6. The source, amount, use, and disposal of water to be used in the proposed operation.

The mine makes water in excess of that required for mining operations. Mine water utilized in mining operations will be utilized by a 500-gallon pressure tank (pneumatic). Waste water will be pumped to sump and from sump by diesel or electrical powered pumps. The disposal of mine water will be governed by the requirements of the Department of Health and at present the operator will utilize one of two alternatives:

Alternative One: Injecting waste water into adjacent old mine workings which have no underground connection to the present mine.

Alternative Two: Discharge of water to a holding/evaporative pond appropriately fenced and posted.

Item 7. Any water rights to be acquired.

There are no requirements for water rights other than those incidental to the mining operations.

Called Mr. Coffman about amount & use of H₂O utilized in operation. No consumptive use. All water used in drilling & runs from the working face and is pumped from a sump to the holding pond & hopefully w/ state Health approval to the old workings.

Item 6. The method of solid waste disposal.

All solid waste, i.e., garbage, trash and the like, shall be hauled to and disposed of in municipal garbage dumps. Solid mine waste shall be disposed of as set forth in item A-5.

Item 7. Detailed plans for reclamation of mined land to include removal of surface structures and facilities, filling in of pits, contouring of surface, care of topsoil, reseeding, and etc.

The general content of the Reclamation Plan submitted in the Kelmine Corp. proposal is adopted. Mine waste shall be principally used to fill the excavated cut at access to the portal.

A Surety Bond has been issued with Sum Company as the principal, Western Surety Company as surety, and the State of Utah as obligee, said Bond being in the amount of Ten Thousand Dollars (\$10,000.00), effective February 23, A.D. 1981, as evidenced by a copy of a letter from Central Utah Insurance Company dated February 23, 1981, attached hereto as Exhibit D.

C. File a "notice of exemption" from the Mined Land Reclamation Act of 1975, with the Division of Oil, Gas, and Mining.

A copy of the exhibit filed before the Board is attached hereto as Exhibit E, and the surveyor's letter certifying the dimensions is attached hereto as Exhibit F.

Respectfully submitted,

SUM COMPANY, INC.

By

Authorized Agent

STATE OF UTAH)
) ss.
COUNTY OF GRAND)

On this 28th day of February, A.D. 1981, personally appeared before me ADDINE J. COFFMAN, JR., on behalf of Sum Company, Inc., the signer of the above and foregoing, who, after first being duly sworn by me, acknowledged that he executed the same.

My commission expires:

1-9-83

Mary Anne Green
Notary Public

Residing in Moab, Utah 84532